

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
1111 Franklin Street, 5th Floor
Oakland, CA 94607-5200
United States of America

hereby appoint(s) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

AXFORD, Laurie A., BAKER, Joseph R., BINDRA, Kitu, HAMRICK, Claude A.S., HECKADON, David R.,
HUNTINGTON, R. Danny, NUZUM, Kirk M., REA, Teresa S., YELLIN, Deborah H., all with the firm of:

BURNS DOANE SWECKER & MATHIS, LLP
402 West Broadway, Suite 400
San Diego, CA 92101-3542
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

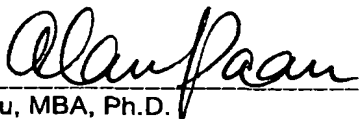
in connection with any and all international applications filed by the undersigned with the following Office

USPTO

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):



Alan Paau, MBA, Ph.D.
Assistant Vice Chancellor, University of California, San Diego

Authorized to sign Powers of Attorney on behalf of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Date: February 17, 2005

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

GALLO, Richard L.
3036 Serbian Place
San Diego, California 92117
United States of America

hereby appoint(s) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

AXFORD, Laurie A., BAKER, Joseph R., BINDRA, Kitu, HAMRICK, Claude A.S., HECKADON, David R.,
HUNTINGTON, R. Danny, NUZUM, Kirk M., REA, Teresa S., YELLIN, Deborah H., all with the firm of:

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Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):


Richard L. Gallo

Date:

3/21/05

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PCT**GENERAL POWER OF ATTORNEY***(for several international applications filed under the Patent Cooperation Treaty)***(PCT Rule 90.5)****The undersigned person(s) :***(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)***MURAKAMI, Masamoto****6-15-101****Toko 9-5****Asahikawa, Hokkaido 078-8349****Japan**

hereby appoint(s) the following person as:



agent



common representative

Name and address*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)***AXFORD, Laurie A., BAKER, Joseph R., BINDRA, Kitu, HAMRICK, Claude A.S., HECKADON, David R.,
HUNTINGTON, R. Danny, NUZUM, Kirk M., REA, Teresa S., YELLIN, Deborah H., all with the firm of:****BURNS, DOANE SWECKER & MATHIS, L.L.P.****402 West Broadway, Suite 400****San Diego, CA 92101-3542****United States of America**

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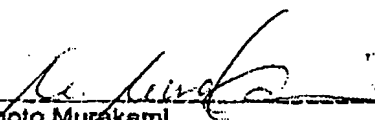
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Signature(s) *(where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs. If such capacity is not obvious from reading this power):*
Masamoto Murakami

Date:

03/21/2005

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